Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	7889	(disc or disk or bellville or belleville or cone or conical or frustoconical) adj springs! or (spring adj (disks! or discs! or plates!) same (belleville or bellville or cone or conical or frustoconical))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/15 07:11
L3	336574	(serrations! or serrated or grooves! or teeth or sawtooth or sawteeth or sawtoothed or saw adj tooethed) with (plate or disk or disc or spring or bellville or bellville)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/15 07:14
L4	377	2 same 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/15 07:37
L5	160	((464/100) or (464/101)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/15 07:39
L6	161	((464/79) or (464/151)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/15 07:39
S1	2	"6739410".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:36
S2	1	2003-102195.NRAN.	DERWENT	OR	ON	2004/12/13 12:17
S3	6	267/140.12.ccls. and overpressure	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 12:19
S4	4	("5509643").PN. OR ("6007060"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 12:20
S5	29	kawasaki.in. and okuma.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:37
S6	26	("1763146" | "2743585" | "3190369" | "3217551" | "3467207" | "3786874" | "4023628" | "4217753" | "4403665" | "4662459" | "4693325" | "4809790" | "5027908" | "5086854" | "5409070" | "5417290" | "5417673" | "5540295" | "5549170" | "5562169" | "5812068"). PN. OR ("6739410").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 12:48
S7	817	f16f001/32.ipc. or 267/162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:48

S8	14086	(bellville or belleville) near3 (disk or disc or washer or spring) or frustoconical adj spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:22
S9	14756	S7 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:25
S10	212	S9 and serrations!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:24
S11	76	S8 same serrations!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:56
S12	4	267/161-162.ccls. and serrations!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:57
S13	0	f16f001/32.ipc. and serrations!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:28
S14	0	f16f001/32.ipc. and serration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 12:58
S15	545	f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:39
S16	60	S15 and (projection or groove or teeth or tooth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:12
S17	13965	(serration or projection or groove or teeth or tooth) with (interfit or interfitted or interfitting or interlock or interlocked or interlocking) same (disk or disc or spring or belleville or conical or bellville or frustoconical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:44

S18	3	S17 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:15
S19	354	eickmann.in. and karl.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:24
S20	17	S9 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:27
S21	281	267/162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:27
S22	545	f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:33
S23	5635	(serration or projection or groove or teeth or tooth) with (interfit or interfitted or interfitting or interlock or interlocked or interlocking) with (disk or disc or spring or belleville or conical or bellville or frustoconical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:44
S24	44	(serration or projection or groove or teeth or tooth) with (interfit or interfitted or interfitting or interlock or interlocked or interlocking) with (belleville or conical or bellville or frustoconical) near4 (disk or disc or spring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:46
S25	3505	(serration or projection or groove or teeth or tooth) with (belleville or conical or bellville or frustoconical) near4 (disk or disc or spring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:48
S26	5	S25 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:47

S27	5	S25 and f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:47
S28	2487	(serration or projection or groove or teeth or tooth) with (belleville or conical or bellville or frustoconical) near2 (disk or disc or spring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:53
S29	1141	(serrations! or projections! or grooves! or teeth) with (belleville or conical or bellville or frustoconical) near2 (disk or disc or spring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:54
S30	11	S29 and (f16f001/32.ipc. or 267/161-162.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/13 13:55
S31	1	("1763146").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/14 06:26
S32	177	(267/162).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/14 06:30
S33	39	S32 and (rotary or rotatable or rotate or rotating)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 06:35
S34	42248	(belleville or bellville or conical or cone or frustoconical) near3 (spring or disk or disc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:21
S35	3656324	(torsion or torque or rotary or rotate or rotating or rotatable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:37
S36	1900683	(serrated or serrations! or serration or sawteeth or sawtooth or teeth or tooth or recesses! or grooves! or notches!)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:38
S37	298	S34 with S36 same S34 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 07:00

S38	1	S37 and "267"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:45
S39	22	S37 and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:42
S40	6	S37 and ("175"/$.ccls. or "172"/$.ccls. or "173"/$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:46
S41	2	(("4662459") or ("3375000")).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/14 06:47
S42	10617	(belleville or bellville or conical or cone or frustoconical) near3 (springs! or disks! or discs!)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:29
S43	97	S42 with S36 same S42 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:56
S44	201	S37 not S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 06:56
S45	110	S37 same S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 07:00
S46	15	("2939663").PN. OR ("3873079"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 07:12
S47	9	("2655935" | "2776851" | "3010713" | "3127157").PN. OR ("3836195").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 07:13
S48	5	(US-5842527-$ or US-5775440-$ or US-3650013-$ or US-3873079-$).did. or (US-3279216-$).did.	USPAT; USOCR	OR	ON	2004/12/14 07:15
S49	12	("3375000").URPN.	USPAT	OR	ON	2004/12/14 07:36
S50	0	("2272495").URPN.	USPAT	OR	ON	2004/12/14 07:42

S51	80	(belleville or bellville or conical or cone or frustoconical) near3 (spring or disk or disc) with torque adj transmitting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 07:44
S52	15	("0869820" | "2533973" | "2707108" | "2708836" | "3395553").PN. OR ("3646777").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 09:08
S54	589	(belleville or bellville or conical or cone or frustoconical) near3 (spring or disk or disc) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:24
S55	130	(belleville or bellville or conical or cone or frustoconical) near3 (spring) with (disk or disc) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:24
S56	70	(belleville or bellville or frustoconical) near3 (spring) with (disk or disc) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:42
S57	39578	(belleville or bellville) near3 (spring) "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:29
S58	38906	(belleville or bellville) near2 (spring) "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:29
S59	22291	(belleville or bellville) near2 (spring) "464"/$.ccls.	USPAT	OR	ON	2004/12/14 09:30
S60	187	(belleville or bellville) near2 (spring) and "464"/$.ccls.	USPAT	OR	ON	2004/12/14 09:30
S61	67	(belleville or bellville or frustoconical) near2 (spring) with (disk or disc) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:47
S62	235	(belleville or bellville) adj2 (spring or disk or disc) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:48

S63	65	(belleville or bellville) adj2 (spring or disk or disc) same (serrated or serrations! or serration or sawteeth or sawtooth or teeth or tooth or recesses! or grooves! or notches!) and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:49
S64	0	(belleville or bellville) adj2 (spring or disk or disc) same (serrated or serrations! or serration or sawteeth or sawtooth or teeth or tooth or recesses! or grooves! or notches!) and ""/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:49
S65	257	(belleville or bellville) adj2 (spring or disk or disc) same (serrated or serrations! or serration or sawteeth or sawtooth or teeth or tooth or recesses! or grooves! or notches!) and "192"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 09:59
S66	0	(belleville or bellville) adj2 (spring or disk or disc) and 192/89.38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:43
S67	2	(belleville or bellville) adj2 (spring or disk or disc) and 464/51,79,100-101. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:18
S68	2	(cone or conical or frustoconical) adj2 (spring or disk or disc) and 464/51,79, 100-101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:21
S69	574	464/51,79,100-101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:21
S70	14090	(bellville or belleville) near3 (disk or disc or washer or spring) or frustoconical adj spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:22
S71	48538	(bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:44

S72	14090	S71 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:24
S73	11	S71 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:24
S74	1	("2562166").URPN.	USPAT	OR	ON	2004/12/14 11:26
S75	97	(bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring) with (serrations! or serrated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:52
S76	1	(bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring) and 267/25,157. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:54
S77	10760	(serration or projection or groove or teeth or tooth) same (bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 11:54
S78	3659	(serration or projection or groove or teeth or tooth) with (bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:02
S79	1050	(serration or projection or groove or teeth or tooth) near3 (disk or disc or washer or spring) with (bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:16
S80	15	S79 and "188"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:07
S81	13	("3237739" | "3313385" | "3858698" | "4934502" | "5305663" | "5416966" | "5429557" | "5653322").PN. OR ("5893445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 12:05
S82	71	S79 and "192"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:07

S83	46	S79 and "74"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:08
S84	22	S79 and "464"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR ·	ON	2004/12/14 12:07
S85	1	(serration or projection or groove or teeth or tooth) near3 (disk or disc or washer or spring) with (bellville or belleville or frustoconical or cone or conical) near3 (disk or disc or washer or spring) and f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:18
S86	60	(serration or projection or groove or teeth or tooth) and f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:26
S87	1	1992-015908.NRAN.	DERWENT	OR	ON	2004/12/14 12:25
S88	1	("5072917").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/14 12:26
S89	14	("0491173" | "2034258" | "2069402" | "2179575" | "2744733" | "3481381"). PN. OR ("5072917").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 12:26
S90	806	(serration or projection or groove or teeth or tooth) with (interfit or interfitted or interfitting or interlock or interlocked or interlocking) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:45
S91	356	(serrations! or serrated or projections! or grooves! with tongue or teeth or tooth or sawtooth or sawteeth) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical)with (interfit or interfitted or interfitting or interlock or interlocked or interlocking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:47
S92	1044	(serrations! or serrated or projections! or grooves! with tongue or teeth or tooth or sawtooth or sawteeth) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical) same (interfit or interfitted or interfitting or interlock or interlocked or interlocking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:48

S93	1044	(serrations! or serrated or projections! or grooves! with tongue or teeth or sawtooth or sawteeth) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical) same (interfit or interfitted or interfitting or interlock or interlocked or interlocking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:48
S94	427	(serrations! or serrated or projections! or grooves! with tongue or teeth or sawtooth or sawteeth) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical) same (interfit or interfitted or interfitting or interlock or interlocked or interlocking) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:50
S95	71	(serrations! or serrated or projections! or grooves! with tongue or teeth or sawtooth or sawteeth) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical) same (interfit or interfitted or interfitting or interlock or interlocked or interlocking) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical) same (torsion or torque or rotary or rotatable) with (disk or disc or plate) with (spring or belleville or conical or bellville or frustoconical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:54
S96	22	(serrations! or serrated or projections! or grooves! with tongue or teeth or sawtooth or sawteeth) and f16f001/32.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 12:57
S97	300	(serrations! or serrated or projections! or grooves! with tongue or teeth or sawtooth or sawteeth) with (belleville or bellville)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:00
S98	1	("1763146").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/14 13:00
S99	6	("3225876").URPN.	USPAT	OR	ON	2004/12/14 13:14
S10 0	28	(belleville or bellville) with coupler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:30

S101	416	267/161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:33
S102	59	f16f001/32.ipc. and (torsion or torque or rotary or rotate or rotating or rotatable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:47
S103	77	267/162.ccls. and (torsion or torque or rotary or rotate or rotating or rotatable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/14 13:49